6/10/05

ATTENDEES

STATOTHR

BRIEFING 29 *Jan '70*

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DECLASS REVIEW BY NGA / DoD

6/0/05

Notes on Review of ON Handbook

Chapter I - Introduction to methodology of report format.

Chapter II - Training oriented - Mainly deals with reason for certain

type of analysis.

Chapter III - A. Deals with techniques of objectively measuring image

quality.

B. Page 52 - Subjective Aspects: Essentially says

there is little (if any) corelation between objective

measures and subjective measures.

C. Talks about MTF - measured from line and edge targets.

Chapter IV

Chart III, Item D, Page 83 - Dupe evaluation assumes inability

to accomodate entire ON tonal scale and variance (Para 1, Pg 83).

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Page 114 - Should be Block Number 2a instead of 16 as indicated.

Page 121 - Should read Block 3a. There is no Block Number 6.

Page 131 - Why do we calculate "Std Tgt Resolution here? Why

not actual? Can't we calculate modulation of subject tgt?

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SUBJECT: Notes on Review of ON Handbook

Page 173 - Calucation of modified D log E curve (Block 18) not

shown per se. Block 26, however, is the same. There is no

Block 18.

Note - Chart Number II seems to deal with total msn accumulation.

Does not seem to be good for us. It is mostly a function of

formatting data collected on Chart I.

Page 198 - Suggested format for data.

Chart III - Meaning of "Factors" calculated in Blocks 1, 2, 3, 4,

5, etc. is questionable. Vagueness results in this being a

general concept rather than a viable working procedure. Blocks

1-4 amount to comparing achieved against designed.

Page 192 - Block Number 7 - Is this the right function? Same as

Page 188?

Page 217-218, Chart 3, Block 3 - I don't understand why? Must

be to evaluate likelihood of achieving a given gamma. But why?

Page 219, Block 4 - Why do this? Same as above (Block 3) but

in Log exposure space instead of Log R (reflectance) space.

Page 244 - I don't understand the vertical axis on this graph.

Note - Chart III and associated implementation implies some

pretty meaty software support.

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SUBJECT: Notes on Review of ON Handbook

Page 251 - States: "Output to Blocks 2 and 5" however flow chart does not show output to Block 5. Block 6 instead, it seems.